

PATENT ABSTRACTS OF JAPAN

(11)Publication number : 01-139577

(43)Date of publication of application : 01.06.1989

(51)Int.Cl.

C07D401/12
A61K 31/455
C07D211/90
C07D401/12

(21)Application number : 62-272044

(71)Applicant : SANKYO CO LTD
UBE IND LTD

(22)Date of filing : 28.10.1987

(72)Inventor : KOIKE HIROYUKI
NISHINO HIROSHI
YOSHIMOTO AKIFUMI

(54) 1,4-DYHYDROPYRIDINE DERIVATIVE

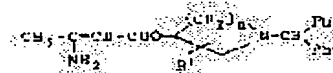
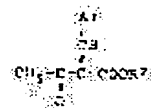
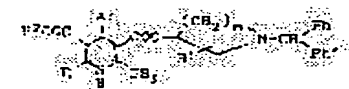
(57)Abstract:

NEW MATERIAL:A 1,4-dihydropyridine derivative expressed by formula I (Ar is phenyl which may have nitro, halogeno-lower alkyl, etc., as a substituent group or formula II; Ph and Ph' are phenyl which may have lower alkyl, lower alkoxy, etc., as a substituent group; R is methyl or amino; R1 is H or lower alkyl; R2 is alkyl, cycloalkyl, lower alkyl, etc., which may have hydroxyl group, lower alkoxy, etc., as a substituent group; n is 1W3) and acid addition salt thereof.

EXAMPLE: 3-Methyl 5-(1-benzhydryl-3-azetidiny) 2,6-dimethyl-4-(3-nitrophenyl)-1,4- dihydropyridine-3,5-dicarboxylate.

USE: Useful as a remedy for diseases, such as hypertension or angina pectoris, in cardiovascular systems.

PREPARATION: Compounds expressed by formulas III and IV are reacted to afford the compound expressed by formula I.



LEGAL STATUS

[Date of request for examination]

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's decision of rejection]

BEST AVAILABLE COPY

[Date of requesting appeal against examiner's
decision of rejection]

[Date of extinction of right]

BEST AVAILABLE COPY